

PROCEEDINGS OF THE EIGHTIETH ANNUAL MEETING

JOHN A. SMALLWOOD, SECRETARY

The eightieth annual meeting of the Wilson Ornithological Society was held Thursday, 10 June, through Sunday, 13 June, 1999, at Colby College in Waterville, Maine. W. Herbert Wilson chaired the local committee; support for the conference was provided by the Special Programs office of Colby College.

The Council met from 13:07 to 18:27 on Thursday, 10 June, and again from 15:35 to 16:30 on Saturday, 12 June, in Room 335, Olin Hall, Colby College. On Thursday evening there was an informal reception in Cotter Union for conferees and their guests.

The opening session on Friday convened in Room 101 Keys Hall, being called to order at 08:37 by WOS President Edward H. Burt, Jr. After several announcements were made by Local Chair Herb Wilson and by Scientific Program Chair Ted Davis, President Burt introduced Professor Ed Yeterian, Dean of Faculty at Colby College, who welcomed those in attendance. Welcoming remarks were also offered by Dr. Miriam Bennett, Professor Emeritus, Department of Biology, Colby College. Following these opening remarks, President Burt introduced the third annual Margaret Morse Nice Plenary Lecture, "Intraspecific variation in the sizes and shapes of birds," presented by Frances C. James. The Nice Lecture was followed by the first business meeting of the Wilson Ornithological Society.

The scientific program included 45 presentations organized into six paper sessions and one session for the 13 poster presentations. Approximately half of all presentations were by students. In addition, there were two workshops, one on post-baccalaureate careers in wildlife and conservation, presented jointly by the Wilson Ornithological Society and the Ornithological Council, and the other on bird skinning, conducted by WOS Librarian Janet Hinshaw.

On Friday evening the conferees enjoyed a "down East" lobster bake at Johnson Pond on the Colby College campus. At the conclusion of this meal, the satisfied decapodivores reconvened for a social at the Cotter Union. Field trips on Friday and Saturday mornings included excursions to Sidney Bog and Colby Arboretum. Several longer field trips were scheduled for Sunday, including birding along coastal sites in southern Maine, white-water rafting on the Kennebec River, birding in the greater Waterville area, and a pelagic trip to Matinicus rock, where those participating viewed Atlantic Puffins (*Fratercula arctica*), Razorbills (*Alca torda*), Black Guillemots (*Cepphus grylle*), and several species of procellariiforms.

A social hour preceded the annual banquet, which was held in Dana Hall. At the conclusion of a fine dinner President Burt briefly addressed the conferees, commended Herb Wilson and the Local Committee for a pleasant conference venue and Ted Davis and the

Scientific Program Committee for a successful meeting, thanked retiring Members of Council Peter Frederick and Danny Ingold for their service to the Society, and recognized all student presenters for their contributions. The following awards were presented:

MARGARET MORSE NICE MEDAL (for the WOS plenary lecture)

Frances C. James, "Intraspecific variation in the sizes and shapes of birds."

EDWARDS PRIZE

(for the best major article in volume 110 of *The Wilson Bulletin*)

Sheila Conant, H. Douglas Pratt, and Robert J. Shallenberger, 1998, "Reflections on a 1975 expedition to the lost world of the Alaka'i and other notes on the natural history, semantics, and conservation of Kaua'i birds." *Wilson Bull.* 110:1–22.

LOUIS AGASSIZ FUERTES AWARD

Kazuya Naoki, "Community evolution in the Andean tanagers of the genus *Tangara*."

PAUL A. STEWART AWARDS

Paul M. Brandy, "Olive-sided Flycatcher habitat use in managed landscapes."

Thomas V. Dietsch, "Ecology and conservation of Neotropical birds in coffee agro-ecosystems of southern Mexico."

Amanda D. Rodewald, "Disturbance in forested landscape: influence of type and magnitude on forest birds."

WILSON ORNITHOLOGICAL SOCIETY TRAVEL AWARDS

Thomas V. Dietsch, "Relating Neotropical birds and vegetative structure to certification criteria for coffee agrosystems in Chiapas, Mexico."

Falk Huettmann, "Wintering Razorbills, *Alca torda*, and auk assemblages in the lower Bay of Fundy, Canada. Results from two winter surveys 1997/98 and 1998/99."

Rachael Z. Jennings, "Spatial and temporal variation in the distributions of *Calypte* hummingbirds along an elevational transect, Riverside County, California."

Karl E. Miller, "Nesting success of the Great Crested Flycatcher in natural nests and in nest boxes: predation rates increase with nest box age."

Kimberly A. Peters, "Swainson's Warbler habitat

selection in a managed bottomland hardwood forest in South Carolina."

ALEXANDER WILSON PRIZE (for best student paper)

Christopher M. Somers, "Bird depredation of grapes in a Niagara Vineyard: do predictable trends exist?"

Selection committee for the Nice Medal—Edward H. Burt, Jr. (chair), John Kricher, William E. Davis, Jr., and W. Herbert Wilson; for the Edwards Prize—Robert Beason (chair), Charles Blem, and Doris Watt; for the Fuertes and Stewart Awards—Richard Stiel (chair), James Sedgwick, and Kelli Stone; for the Wilson Ornithological Society Travel Award—William E. Davis, Jr. (chair), and John C. Kricher; and for the Wilson Prize—William E. Davis, Jr. (chair), Jon Barlow, Robert Beason, Richard Conner, and Sara Morris.

FIRST BUSINESS MEETING

The first business meeting was called to order by President Burt at 10:02 on Friday, 11 June, in Room 105 Keyes Hall. Secretary Smallwood then presented to those who had gathered a synopsis of Thursday's council meeting, commenting on the successful efforts of Herb Wilson and the local committee and of Second Vice-president Ted Davis and the scientific program committee. He reviewed the awards offered by the Society, the winners to be announced at the annual banquet, and reported that Council had enthusiastically increased their monetary values: the prestigious Louis Agassiz Fuertes Award increased to \$2500, the Margaret Morse Nice Award increased to \$1000, and the annual funding for up to four Paul A. Stewart Awards was increased to \$2000. Secretary Smallwood informed the membership that to alleviate any confusion over two separate WOS awards made in honor of Margaret Morse Nice, namely the MMN Award for amateur ornithologists and the MMN Medal for ornithologists presenting plenary lectures on a lifetime of ornithological research, the MMN Award would, in the spirit of the contribution of amateurs to the field of ornithology, henceforth be known as the George A. Hall and Harold F. Mayfield Award. Council had also increased the amount of funding available for student travel awards to \$5000 annually. Secretary Smallwood announced that Bob Beason had been elected to a third year as Editor of *The Wilson Bulletin*, noting that the journal was not only published under budget, due mostly to format changes and electronic submissions, but also published slightly ahead of schedule. The secretary then reviewed the Conservation Committee report on reauthorization of the Endangered Species Act. The 2000 meeting will be held 27–30 April at Hotel Gaivez in Galveston, at the invitation of the Houston Audubon Society and the Gulf Coast Bird Observatory; Dwight Peake will be the local host. The 2001 meeting will be held jointly with the Arkansas Audubon Society, 3–6 May, at the University of Arkansas

Continuing Education Center and Fayetteville Hilton; Doug James will chair the local committee.

Although this information was not available at the time of the first business meeting, here the Wilson Ornithological Society honors the memory of WOS members who passed away since the 1998 meeting: Robert E. Ball (North Canton, OH), Roger M. Evans (Winnipeg, MB), Richard R. Graber (Golconda, IL), Frances Hamerstrom (Plainfield, WI), Robert R. Knickmeyer (Hazelwood, MO), H. Elliot McClure (Camarillo, CA), Henri Ouellet (Hull, QC), Edward F. Rivinus (Upper Marlboro, MD), and Charles G. Sibley (Santa Rosa, CA).

The treasurer's report was then presented by Doris Watt.

Bob Beason offered the editor's report.

President Burt delivered the report of the Nominating Committee for Peter Stettenheim, Chair, who was not able to attend; other committee members included Kenneth Able, Patricia Gowaty, and Ellen Ketterson. The following slate of candidates was offered: President, John C. Kricher; First Vice-President, William E. Davis, Jr.; Second Vice-President, Charles R. Blem; Secretary, John A. Smallwood; Treasurer, Doris J. Watt, and Members of Council for 1999–2002, Robert A. Askins, Gary Ritchison, Charles F. Thompson, and Jeffrey R. Walters.

The first business meeting was adjourned at approximately 10:20.

SECOND BUSINESS MEETING

The second business meeting was called to order by President Burt at 13:31, Saturday, 12 June, in Room 105 Keys Hall, at which time he recalled the report of the nominating committee to the floor. Calling for additional nominations and hearing none, President Burt accepted a motion from Dick Banks, seconded by Sara Morris, that the nominations be closed. That motion passed unanimously. Jerry Jackson moved that the slate of officers (but not councilors) be passed unanimously by acclamation. After a second from Sara Morris, it was. Because there were four candidates for three seats on the Council (two Members of Council for 1999–2002, and one to complete Charles Blem's 1997–2000 Council term) election was by paper ballot, with the following result: Members of Council for 1999–2002, Robert A. Askins and Jeffrey R. Walters; Member of Council for 1999–2000, Charles F. Thompson.

Dwight Peake, Local Chair, updated those assembled on the 2000 meeting in Galveston. After a brief discussion about the proposed name change for *The Wilson Bulletin*, and remarks on the electronic publication of the *Bulletin* and the *Ornithological Newsletter*, Sara Morris moved for adjournment. Ted Davis and Peter Frederick seconded the motion, and the membership indicated with the appropriate body language that the motion had indeed passed. This occurred shortly before 14:00.

REPORT OF THE TREASURER
1 JULY 1998 THROUGH 30 JUNE 1999

GENERAL FUNDS

Balance Forward	\$	64,264.33
Receipts		
Regular and Sustaining Memberships	\$	29,688.00
Student Memberships	\$	4,278.00
Family Memberships	\$	112.00
Total Dues	\$	34,078.00
Subscriptions	\$	24,005.00
Newsletter	\$	181.00
Back Issues	\$	406.25
Page Charges	\$	16,911.25
Total Income from Publications	\$	41,503.50
Contributions: Research Fund	\$	291.00
Van Tyne Library	\$	560.00
General Endowment	\$	30.00
Life, Patrons (Gen Endowment)	\$	1,000.00
Unrestricted	\$	937.00
Total Contributions	\$	2,818.00
Royalties	\$	1,127.70
Interest from Checking Account	\$	490.52
Interest from Endowments	\$	24,573.16
Dividends from Dreyfus Acct (reinvested)	\$	999.02
Subtotal	\$	27,190.40
Miscellaneous	\$	994.35
Net OSNA Adjustment	\$	(680.41)
TOTAL RECEIPTS	\$	105,903.84
Disbursements		
Bulletin Publication		
June 1998	\$	17,191.67
September 1998	\$	16,280.53
December 1998	\$	18,239.61
March 1999	\$	16,570.33
Editor's expenses	\$	4,315.07
Total Publication Costs	\$	72,597.21
OSNA Expenses	\$	5,921.00
Officer's expenses	\$	253.95
CPA (tax filing)	\$	465.00
Incorporation fee	\$	5.00
Editor's honorarium	\$	2,000.00
Editor's travel	\$	500.00
Library	\$	1,000.00
Miscellaneous	\$	81.80
Total Operating Expenses	\$	10,226.75
Organizational Awards	\$	1,700.00
Ornithological Council Contribution	\$	1,000.00
ABC Dues	\$	150.00
Total Philanthropies	\$	2,850.00
TOTAL DISBURSEMENTS	\$	85,673.96
Ending Balance	\$	84,494.21

CASH ACCOUNTS

First Source Bank Checking 1 July 99	\$	61,832.05
Dreyfus Liquid Assets 1 July 99	\$	22,662.16
Total Cash on Hand	\$	84,494.21
Van Tyne Library Accounts		
Starting Balance	\$	2,531.63

Receipts	\$ 8,788.79	
Expenses	<u>\$ (3,046.13)</u>	
Ending Balance		\$ 8,274.29

SUTTON DESIGNATED ACCOUNT

Endowment Principal as of 1 July 98	\$ 66,956.97	
Increase in Principal Value 98–99*	\$ 68,898.72	
1998 Earnings*	\$ 1,998.06	
Funds disbursed for Color Plates (2)	<u>\$ 1,935.00</u>	
Balance		\$ 63.06

TOTAL ENDOWMENT FUNDS

1996 Market Value	\$ 676,029.00	
1997 Market Value	\$ 814,315.00	
1998 Market Value (1 July 98)	\$ 968,838.00	
1999 Market Value (1 July 99)	\$ 1,096,733.81	

*Based on 2.9% yield on Mellon account

Doris J. Watt, *Treasurer*

EDITOR'S REPORT—1998

During 1998, the editorial office of *The Wilson Bulletin* received 245 manuscripts including 6 that were provided by Jed Burtt for the Symposium on Neotropical Ornithology. This is a continued increase in the number of manuscripts submitted over the past several years. The acceptance rate was 40% for these manuscripts, similar to that of the past. The review process took an average of 13 weeks and most of manuscripts were returned to the authors with reviewers' comments 2–4 months after receipt. We have been using E-mail for much of the correspondence with authors and reviewers. This has resulted not only in monetary savings from postage, but also has resulted in faster turn around for manuscripts; in some cases the author received a decision within a month of submission.

As a result of the new format and page size of *The Wilson Bulletin*, the journal has gone from approximately 800 pages per volume to 600 pages. The current volume contains the same number of manuscript pages, figures, and tables as previous issues. Most of the difference in length is because many of the figures and tables require less space with the 2-column format than they did with the single column format. The use of electronic manuscript (disk) submission has resulted in fewer corrections in the galley stage. Three issues in 1998 contained color frontispieces and 3 of the 4 issues that are out or in the works for 1999 contain color frontispieces. We have had some problems with the printer to get them to make the frontispieces to bleed to the edge of the paper, but I think those have been resolved.

I greatly appreciate the assistance of the editorial board, Clait Braun, Richard Conner, and Kathy G. Beal for their timely advice on many manuscripts, especially Kathy for her advice on manuscripts with difficult statistical problems and for doing the index. Editorial assistants Tara Baideme, Melanie Daniels, John Lamar, Dante Thomas, and Doris Watt assisted in tracking and checking the many manuscripts. The State University

of New York at Geneseo and the Biology Department continue to support the editor and the running of the editorial office in many ways.

Robert C. Beason, *Editor*

The reports of the standing committees are as follows:

REPORT OF THE MEMBERSHIP COMMITTEE

In October 1998, Laurie Goodrich took over as membership chair from John Smallwood, WOS Secretary. Current members of the WOS membership committee are Laurie Goodrich, Chair, Hawk Mountain (PA), Jim Ingold of Louisiana State University (LA), John Smallwood of Montclair State University (NJ), Amanda Rodewald of Pennsylvania State University (PA), Christine Howell of University of Missouri-Columbia (MO), and Daniel Ingold of Muskingum College (OH).

The membership poster was displayed during the last year at the joint OSNA societies meeting in St. Louis (MO), April 1998, the Raptor Research Foundation meeting in Salt Lake City (UT), October 1998, and the Pennsylvania Wildlife Society meeting in Williamsport (PA), March 1999. Brochures were also displayed at a few other meetings, including the Pennsylvania Society of Ornithology in Wellsboro, May 1998.

Since October 1998, the chair has received at least ten inquiries from people who have not received their journal. Most inquiries occurred between March and May. All inquiries have been forwarded to Allen Press and/or the OSNA Director, Anthony Bledsoe. Most people seem to be locating a contact person for membership via the web site. The chair has not received any other inquiries for brochures or information during her tenure.

The membership brochure needs to be reprinted. Before we undertake a large run, the committee would like to have Council review the text and layout, etc., to make any necessary changes. Ideally, we need to

make these changes before the August AOU meeting. Please return all suggestions to Laurie Goodrich or John Smallwood by June 30. If anyone needs a copy of a brochure, please contact Laurie by reply to this e-mail, and she will send one directly. The committee would like to request that any Council Member attending a meeting other than the AOU consider helping out with the display. The chair will ship the poster to the site, and the member would only have to put it up and then repack and ship it back at end of the conference. To volunteer for a meeting, contact Laurie Goodrich, goodrich@hawkmountain.org. If unable to put up a display, please consider taking a stack of brochures for distribution tables.

Laurie J. Goodrich, *Chair*

REPORT OF THE UNDERGRADUATE OUTREACH COMMITTEE

Two people have joined the committee since our last meeting in April, 1998. Thomas Knight of Denver, CO, and Yves de Repentigny, Departement de Sciences Biologiques, Universite de Montreal.

The committee is pleased to announce a *Wilson Bulletin* paper stemming from the workshop on teaching held at the Guelph meeting in 1992. The citation is: Burt, E. H., Jr., and W. H. Wilson, Jr. 1999. A survey of ornithology courses in North America. *Wilson Bull.* 111:287–293.

The Guide to Graduate Programs in Ornithology that the Committee has compiled continues to be a valuable resource for undergraduates seeking to pursue graduate research in ornithology. The guide can be found on the Wilson Ornithological Society home page (<http://www.ummz.lsa.umich.edu/birds/studies.html>). Some users have found that the information provided for some programs is outdated. The committee will be working this year on updating the material in the on-line guide.

Jed Burt continues to compile laboratory exercises in ornithology. These exercises will be made available at a reasonable cost for any instructor requesting them.

W. Herbert Wilson, Jr., *Chair*

REPORT OF THE JOSSELYN VAN TYNE MEMORIAL LIBRARY COMMITTEE

I am very pleased to be the new Chair of the Joselyn Van Tyne Memorial Library (JVTML) Committee. As such I would like to take this opportunity to thank William A. Lunk for his tireless leadership of the Library Committee. He has been chair of this committee for 40 years. Since 1958 many changes have occurred (e.g., computers have become a standard research tool) and under Dr. Lunk's chairmanship the Library has grown and modernized along with the times. Dr. Lunk deserves our heart-felt thanks for helping to ensure that the Library has been able to provide WOS members and others with ornithological information that they need. During my tenure as chair, I

hope to do as good a job, but I do not think I will be able to do it for 40 years!

My philosophy for managing the JVTML has two parts. First, the Library needs to continue acquiring volumes, thereby ensuring that it stays current and thus as useful as possible. Second, it needs to be as accessible as possible to WOS members and others, while maintaining the integrity of the Library.

With respect to acquiring volumes, the following has happened over the past calendar year:

- Loans of library materials to members included 102 transactions to 46 people or institutions. These loans included 417 books, journals and photocopied articles, with many of the articles going to authors of BNA accounts.
- A total of 201 publications were received from 167 organizations or individuals. These included 120 exchanges, 23 subscriptions, and 24 gifts.
- A few journals have been added, primarily from Africa, and others dropped because they have either ceased or merged.
- 758 items were donated by members and friends. These donations included 17 books, 522 journal issues, and 219 reprints, reports and misc. items.
- 17 members and friends donating materials included: C. Braun, D. Klem, Jr., J. Hinshaw, O. Komar, J. Marks, R. Meek, R. Payne, D. Pioli, W. Post, W. J. Richardson, T. Shane, J. Spendlow, R. Tashian, E. Walters, R. Whiting, J. Youngman, and H. Zernickow.
- Five institutions also donated materials: L. Birch for the Edward Grey Institute of Field Ornithology, J. Buki for the Hungarian Institute of Ornithology, L. Kiff for the Peregrine Fund, F. Lohrer for Archbold Biological Station, and G. Penn for Point Reyes Bird Observatory.
- New items purchased for \$781.52 from the New Book Fund and for the \$742.88 credit with Buteo Books included 19 books, journal issues, CD's and tapes.
- The sale of 209 books, 45 journal issues and 5 color plates, all of which were duplicates, resulted in \$5,082.30 plus a credit of \$2900 with Buteo Books.
- Gifts to other institutions included 216 journal issues to Hungarian Institute of Ornithology, 38 journal issues to Walter Thiede, and 3 journal issues to The Peregrine Fund.

As to the accessibility of the materials to members and others, the following has been accomplished:

- The web site (<http://www.ummz.lsa.umich.edu/birds/wos.html>) continues to be enhanced. Journals currently received are listed on the site as well as how to access the University of Michigan's on-line catalogue, which can be used to check holdings.
- The large number of duplicate books for sale from Helen Lapham's bequest will soon be listed on the web. When it is available, a notice will be posted in the OSNA Newsletter.

Due to lack of space, we need to reduce our stock of back issues of *The Wilson Bulletin*. We plan to keep around 50 to 75 copies of each issue where possible. We would like to sell (give away, actually) surplus copies for the cost of postage and handling. Thus far we have "sold" over 1300 issues. Certainly we do not want surplus issues to end up in the recycle bin and ideally we would like these issues to go to institutions in lesser developed countries. I do not know the best way to determine which institutions could use them. Any ideas to help us solve this problem would be most appreciated.

Needs for the 1999/2000 academic year:

- We need help in identifying institutions in lesser developed countries that could use copies of back issues. We currently have surplus copies of most issues, which will allow us to provide nearly complete runs.
- An additional part-time student is needed to help the Library work to reduce significantly its surplus of back issues of the *Bulletin*, to get more information up on the web, and to send out the large numbers of orders we will hopefully generate (via the web) from members and friends wanting to buy duplicate copies from Helen Lapham's bequest. I do not know the particulars of how to obtain funds to hire a student. I assume that funds would need to be run through the University of Michigan, which would mean overhead would be applied. The amount of overhead would depend on what the Society's bylaws say or what is customary for the Society to pay. (The full indirect-cost rate at the University is 52.5%, but can range from that to 0%, depending on what the funder requires.) We would like to have a student who works at \$7.00 an hour for an average of 15 hours a week over 11 months, and with 8.55% in benefits (i.e., FICA). Thus a total of \$5,000 (direct cost) would be needed. Certainly if we can find a work/study student, then we would need only around 2/3 of that or \$3,400. We anticipate that sales from Helen Lapham's bequest will provide that amount of money and more, but it will not be available ahead of time.

My job has been quite easy due to the help of Janet Hinshaw, who manages the day-to-day tasks in the Library. Indeed, she is the one who provided me with the figures I am reporting below.

In closing, I want to offer my thanks to those people who make the JVTML work so efficiently: Joann Constantinides, the secretary for the Bird Division in the Museum of Zoology, who handles many of the library requests; Kari Chciuk, the library work/study student, who for 2 years has handled most of the day-to-day filing and routine jobs, as well as sorting thousands of reprints; and of course to THE most important person connected with the Library, Janet Hinshaw, who provided me with the figures I reported above and who literally "runs the show" by making sure the library is kept up-to-date, and as useful to members and

friends as possible. All of these people make my job quite easy.

Terry L. Root, *Chair*

The Committee on the Scientific Program, consisting of William E. Davis, Jr., chair, and John C. Kricher, presented the following program, assisted by session moderators and workshop organizers Edward H. Burt, Jr., Richard N. Conner, Janet Hinshaw, Jerome A. Jackson, Sara R. Morris, John A. Smallwood, and Susan M. Smith.

PAPER SESSIONS

- D. J. Albano, Univ. of Massachusetts, Amherst, MA, "Partial migration in the Belted Kingfisher (*Ceryle alcyon*)."
- J. C. Barlow and S. N. Leckie, Royal Ontario Museum, Toronto, ON, Canada, "Winter frugivory in Gray Vireos—do eastern populations eat berries too?"
- R. E. Brown, USFWS Southern Research Station, Nacogdoches, TX, "Habitat, nest site, and nest box selection by the Prothonotary Warbler in eastern Texas."
- R. N. Conner, D. Saenz, and D. C. Rudolph, Southern Research Station, Nacogdoches, TX, "The value of Red-cockaded Woodpecker cavity trees for studying initial attack of pines by southern pine beetles."
- R. L. Curry and J. Wotanis, Villanova Univ., Villanova, PA, "Northward movement of the Carolina/Black-capped Chickadee contact zone in south-eastern Pennsylvania: inferences from song patterns."
- T. V. Dietsch and A. H. Mas, Univ. of Michigan, Ann Arbor, MI, "Relating Neotropical birds and vegetative structure to certification criteria for coffee agroecosystems in Chiapas, Mexico."
- P. C. Frederick, Univ. of Florida, Gainesville, FL, "Community structure and population dynamics of breeding wading birds in the Everglades."
- M. J. Forman, E. H. Burt, Jr., and J. M. Ichida, Ohio Wesleyan Univ., Delaware, OH, "Microorganisms in the plumage of Galliformes."
- M. J. Hartley, Univ. of Maine, Orono, ME, "Effects of partial cutting on avian community composition."
- F. Huettmann, Atlantic Cooperative Wildlife Ecology Research Network, Fredericton, NB, Canada, "Wintering Razorbills, *Alca torda*, and auk assemblages in the lower Bay of Fundy, Canada. Results from two winter surveys 1997/98 and 1998/99."
- J. M. Ichida, J. M. Mann, and E. H. Burt, Jr., Ohio Wesleyan Univ., Delaware, OH, "The nest, the nestling, and the microbe."
- J. A. Jackson, Whitaker Center, Florida Gulf Coast Univ., Ft. Myers, FL, and W. E. Davis, Jr., Boston Univ., Boston, MA, "Great Egrets, catfish, and the economics of birds and humans."
- R. Z. Jennings, Univ. of Texas., Austin, TX, "Spatial

- and temporal variation in the distributions of *Calypte* hummingbirds along an elevational transect, Riverside County, CA."
- J. M. Jonas and J. A. Smallwood, Montclair State Univ., Upper Montclair, NJ, "The influences of weather and migration pressure on the growth of nestling American Kestrels in northwestern New Jersey."
- E. L. Kershner, J. W. Walk, and R. E. Warner, Univ. of Illinois, Urbana, IL, "The effect of predator removal on grassland bird nest success."
- D. L. King, R. M. DeGraaf, USDA Forest Service Northeastern Forest Experiment Station, and C. R. Griffin, Univ. of Massachusetts, Amherst, MA, "Do predation rates on artificial nests accurately reflect predation rates on natural bird nests?"
- P. A. McDowell, J. M. Ichida, and E. H. Burt, Jr., Ohio Wesleyan Univ., Delaware, OH, "*Streptomyces* and the evolution and microecology of avian plumage."
- K. E. Miller, Univ. of Florida, Gainesville, FL, "Nesting success of the Great Crested Flycatcher in natural nests and in nest boxes: predation rates increase with nest box age."
- J. J. Nocera and P. D. Taylor, Acadia Univ., Wolfville, NS, Canada, "Behavior of failed and non-breeding Common Loons during the summer breeding season."
- K. A. Peters, North Carolina State Univ., Raleigh, NC, "Swainson's Warbler habitat selection in a managed bottomland hardwood forest in South Carolina."
- Z. Richards and D. Capen, Univ. of Vermont, Burlington, VT, "Landscape effects on the Black-throated Blue Warbler (*Dendroica caerulescens*): a comparison of demographics in large forest isolates and contiguous forest."
- D. C. Rudolph, R. N. Conner, R. H. Johnson, W. G. Ross, S. J. Burgdorf, R. R. Schaefer, and D. Saenz, Southern Research Station, Nacogdoches, TX, "Red-cockaded Woodpecker cavity trees, southern pine beetle mortality, and pine resin characteristics."
- D. Saenz, R. N. Conner, C. S. Collins, and D. C. Rudolph, Southern Research Station, Nacogdoches, TX, "Long-term use of artificial cavities by Red-cockaded Woodpeckers in eastern Texas."
- J. A. Sedgwick, Biological Resources Div., Fort Collins, CO, "Geographic variation in the song of the Willow Flycatcher."
- C. M. Somers and R. D. Morris, Brock Univ., St. Catharines, ON, Canada, "Bird depredation of grapes in a Niagara vineyard: do predictable trends exist?"
- R. Stiehl and A. Farmer, Midcontinent Ecological Science Center, Fort Collins, CO, "Richness of Piping Plover foraging habitat on Fire Island, NY."
- J. W. Walk, E. L. Kershner, and R. E. Warner, Univ. of Illinois, Urbana, IL, "Area and age of habitat patches and nesting success in grassland birds."
- J. R. Walters, Virginia Polytechnic Institute and State Univ., Blacksburg, VA, "Experimental studies of effects of cavities on territory quality in Red-cockaded Woodpeckers."
- W. H. Wilson, Jr., Colby College, Waterville, ME, "Arrival dates of Maine migratory breeding birds: a trans-century comparison."

POSTERS

- R. C. Banks, National Museum of Natural History, Washington, DC, "Variation in Greater White-fronted Geese in the Central Flyway."
- M. T. Bradley and S. R. Morris, Canisius College, Buffalo, NY, "Is tail feather shape a reliable indicator of age in warblers and thrushes?"
- E. H. Burt, Jr., and P. Y. Burt, Ohio Wesleyan Univ., Delaware, OH, "Ice damage to feathers."
- M. Carey and J. Mills, Univ. of Scranton, Scranton, PA, "Nest-site selection and breeding biology of Field Sparrows in a rapidly changing old field habitat."
- M. C. Herceg, J. A. Weiner, and S. R. Morris, Canisius College, Buffalo, NY, "A seasonal comparison of the stopover patterns and behavior of migratory passerines on Appledore Island, Maine."
- J. H. Hull and A. R. Buckelew, Jr., Bethany College, Bethany, WV, "Group anting in the Common Grackle."
- J. L. Ingold, Louisiana State Univ., Shreveport, LA, "Winter birds of small remnant prairies in the Piney Woods of northern Louisiana."
- E. D. Kennedy and A. McCauley, Albion College, Albion, MI, "Acquisition by Albion College of prints from 10 original copper plate engravings used in Alexander Wilson's "American Ornithology"."
- G. J. Robertson, G. Chapdelaine, and R. D. Elliot, Canadian Wildlife Service, A. W. Diamond and F. Huettmann, Univ. of New Brunswick, Fredericton, NB, Canada, "Population status and trends of Razorbills in Canada."
- C. R. Smith, J. T. Weber, and M. E. Richmond, Cornell Univ., Ithaca, NY, "Using gap analysis information to guide planning for conservation of birds in New York state: a comparison of science-based and expert-opinion approaches."
- D. Westmoreland and M. Moseley, US Air Force Academy, Colorado Springs, CO, "The cost of bright egg coloration in American Robin nests."
- D. W. White and E. D. Kennedy, Albion College, Albion, MI, "Do House Wrens identify target eggs by sight or by feel?"
- J. B. Whittier and D. M. Leslic, Jr., US Geological Survey, Biological Resources Division, Oklahoma Cooperative Fish and Wildlife Research Unit, Oklahoma State Univ., Stillwater, OK, "The effect of drought on nest success in Least Terns."

ATTENDANCE

COLORADO: Fort Collins, Jim Sedgwick, Dick Stiehl; Colorado Springs, David Westmoreland.

CONNECTICUT: *New Britain*, Sylvia Halkin; *Sharon*, Elyse Glover.

DISTRICT OF COLUMBIA: *Washington*, Dick Banks.

FLORIDA: *Fort Myers*, Jerry Jackson; *Gainesville*, Mary Clench, Peter Frederiek, Karl Miller; *Tallahassee*, Fran James.

ILLINOIS: *Bushell*, Larry Hood; *Centralia*, Prieilla McDowell; *Collinsville*, Kimberly Peters; *Grayslake*, Scott Hickman; *Urbana*, Eric Kershner, Jeffrey Walk.

INDIANA: *Notre Dame*, Doris Watt.

KANSAS: *Manhattan*, Dave Rintoul.

LOUISIANA: *Shreveport*, James Ingold.

MAINE: *Bar Harbor*, Goodale Wing; *Belgrade*, Don Mairs; *Fairfield*, Miriam Bennett; *Farmington*, Sarah Sloane; *Orono*, Mitsehka Hartley; *Richmond*, Peter Vickery; *Unity*, Ed Beals; *Waterville*, Larkspur Morton, Neal Taylor, Herb Wilson; *Wilton*, Wendy Howes.

MARYLAND: *Chevy Chase*, Ellen Paul; *St. Mary's City*, Ernie Willoughby.

MASSACHUSETTS: *Boston*, Ted Davis; *South Hadley*, Susan Smith.

MICHIGAN: *Albion*, Dale Kennedy, Doug White; *Ann Arbor*, Tom Dietsch; *Chelsea*, Janet Hinshaw; *Kalamazoo*, Richard Brewer.

NEW HAMPSHIRE: *Keene*, Jon Atwood; *West Swazey*, Lewis Kibler.

NEW JERSEY: *Belleville*, Jeffrey Jonas; *Cape May*,

Tom Parsons; *Edison*, Robert Colburn; *Upper Montclair*, John Smallwood.

NEW YORK: *Buffalo*, Sara Morris; *Cheetkowaga*, Jeanette Weiner; *Geneseo*, Bob Beason; *Grand Island*, Maria Bradley; *Ithaca*, Charles Smith; *Johnson City*, Michael Herceg; *Utica*, Judy McIntyre.

NORTH CAROLINA: *Asheville*, Lou Weber; *Chapel Hill*, Helmut Mueller, Nancy Mueller.

OHIO: *Columbus*, Sandy Gaunt, Toby Gaunt; *Dela-ware*, Jed Burt, Martin Forman, Jann Ichida; *Sunbury*, Kathy Wildman.

OKLAHOMA: *Stillwater*, Joanna Whittier.

PENNSYLVANIA: *Berwyn*, Phil Street; *Doylestown*, Jennifer Niese; *Kempton*, Laurie Goodrich; *Scranton*, Michael Carey; *Villanova*, Bob Curry; *Swarthmore*, Janet Williams.

RHODE ISLAND: *Wakefield*, Ceeil Kersting.

TEXAS: *Austin*, Rachel Jennings; *Belton*, John Cornelius; *Galveston*, Dwight Peake; *Nacogdoches*, Raymond Brown, Dick Conner, Craig Rudolph, Dan Saenz.

VERMONT: *Northfield*, Bill Barnard.

VIRGINIA: *Arlington*, Marcus Koenen; *Blacksburg*, Jeff Walters.

WEST VIRGINIA: *Bethany*, Jay Buekelew; *Morgantown*, George Hall.

CANADA: *Fredericton New Brunswick*, Falk Huettman; *St. Catherine's Ontario*, Christopher Somer; *Toronto Ontario*, Jon Barlow, Sheridan Leckie; *Wolfville Nova Scotia*, Joseph Noeera.